EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	("5964416").PN.	USPAT; USOCR	OR	OFF	2006/11/20 21:15
L2	7	(("6176442") or ("6250508") or ("6685691") or ("6402055") or ("6846413") or ("6988496") or ("6689092")).PN.	USPAT; USOCR	OR	OFF	2006/11/20 21:19
L3	2	(("6497373") or ("6726124")).PN.	USPAT; USOCR	OR	OFF	2006/11/20 21:22
L4	3	(("6932789") or ("6977042") or ("6918547")).PN.	USPAT; USOCR	OR	OFF	2006/11/20 21:26
L5	1	("7104470").PN.	USPAT; USOCR	OR	OFF	2006/11/20 22:13
L6	1265	(92/168).CCLS.	USPAT; USOCR	OR	OFF	2006/11/20 22:13
L7	9	l6 and ("oring" or "o-ring") and groove and level and compress$3	USPAT	OR	OFF	2006/11/20 22:14
S1	7	(("6905124") or ("6676132") or ("6443502") or ("6883804") or ("6827353") or ("6409175") or ("4887646")).PN.	USPAT; USOCR	OR	OFF	2006/03/30 17:53
S2	247	(604/152).CCLS.	USPAT; USOCR	OR	OFF	2006/03/23 10:34
S3	45	("3595231" | "3814097" | "3963380" | "3964482" | "3964484" | "4235234" | "4276878" | "4313439" | "4493704" | "4645495" | "4741736" | "4813939" | "4856340" | "4865591" | "4883472" | "4969871" | "4973318" | "5017190" | "5026357" | "5261882" | "5279586" | "5327033" | "5330431" | "5354279" | "5391250" | "5419777" | "5437999" | "5464395" | "5587326" | "5637095" | "5640995" | "5644177" | "5697901" | "5716343" | "5914507" | "5957889" | "5964729" | "5997501" | "6016693" | "6022316" | "6050988" | "6083196" | "6132755" | "6256533" | "6302870").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/23 11:06
S4	1	("3964482").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/23 11:08
S5	19	("6132755").URPN.	USPAT	OR	OFF	2006/03/23 11:09

S6	7	("2925814" | "3923060" | "3985133" | "4209014" | "4274407" | "4373527").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/23 15:52
S7	33	("4468221").URPN.	USPAT	OR	OFF	2006/03/23 16:53
S8	250	(604/135).CCLS.	USPAT; USOCR	OR	OFF	2006/03/24 09:58
S9	599	(604/131).CCLS.	USPAT; USOCR	OR	OFF	2006/03/24 09:58
S10	75	S9 and "o-ring"	USPAT	OR	OFF	2006/03/24 13:13
S11	119	(604/134).CCLS.	USPAT; USOCR	OR	OFF	2006/03/24 13:13
S12	9	S11 and "o-ring"	USPAT	OR	OFF	2006/03/24 13:19
S13	528	(604/890.1).CCLS.	USPAT; USOCR	OR	OFF	2006/03/24 13:19
S14	23	S13 and "o-ring"	USPAT	OR	OFF	2006/03/24 13:37
S15	17	piston with "o-ring" with (cm or mm)	USPAT	OR	OFF	2006/03/24 13:42
S16	13	piston with "o-ring" and ("stroke length" with (cm or mm))	USPAT	OR	OFF	2006/03/24 13:45
S17	18	(("6800071") or ("6197000") or ("5954690") or ("5882343") or ("5558639") or ("4940399") or ("4838866") or ("4642098") or ("4515591") or ("4487603") or ("4468221") or ("6248093") or ("6083201") or ("4966585") or ("3949748") or ("6945959") or ("6796957") or ("5380279")).PN.	USPAT; USOCR	OR	OFF	2006/03/24 13:48
S18	18	S17 and "o-ring"	USPAT	OR	OFF	2006/03/24 13:48
S19	7	("2925814" | "3923060" | "3985133" | "4209014" | "4274407" | "4373527").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/24 15:21
S20	771	"micro pump"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/24 15:21
S21	63	S20 and "o-ring"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/24 16:45
S22	1	"transcorneal therapeutic" and "o-ring"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/24 16:45
S23	0	"infusion pump" and "groove filling level"	USPAT	OR	OFF	2006/03/27 15:02
S24	18	"infusion pump" and groove with fill$3	USPAT	OR	OFF	2006/03/27 15:06

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S25	190	pump and "o-ring" with (groove and fill$3)	USPAT	OR	OFF	2006/03/27 15:08
S26	74	pump and "o-ring" with (groove with fill$3)	USPAT	OR	OFF	2006/03/27 15:12
S27	0	"o-ring" with "permeation coefficient"	USPAT	OR	OFF	2006/03/27 15:13
S28	0	"o-ring" with "gas permeat$3"	USPAT	OR	OFF	2006/03/27 15:13
S29	·0	(277/dig.910).CCLS.	USPAT; USOCR	OR	OFF	2006/03/27 15:15
S31	1592	(277/910).CCLS.	USPAT; USOCR	OR	OFF	2006/03/27 15:16
S32	12	S31 and permeat$3	USPAT	OR	OFF	2006/03/27 15:21
S33	10	S31 and permeat$3 and compress$3	USPAT	OR	OFF	2006/03/27 15:40
S34	0	S31 and "radial$3 compress$3"	USPAT	OR	OFF	2006/03/27 15:40
S35	95	S31 and (radial$3 with compress$3)	USPAT	OR	OFF	2006/03/29 16:43
S36	2	(("4808168") or ("5104381")).PN.	USPAT; USOCR	OR	OFF	2006/03/28 08:18
S37	18	pneumoperitoneum adj needle	USPAT	OR	OFF	2006/03/28 08:18
S38	134	(277/438).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/29 16:43
S39	7	S38 and radial$2 with compress$3	USPAT	OR	OFF	2006/03/29 16:48
S40	6	(("6905124") or ("6676132") or ("6443502") or ("6827353") or ("6409175") or ("4887646")).PN.	USPAT; USOCR	OR	OFF	2006/03/31 15:20
S41	7	(("6905124") or ("6676132") or ("6443502") or ("6827353") or ("6409175") or ("4887646") or ("6883804")).PN.	USPAT; USOCR	OR	OFF	2006/03/31 14:54
S42	1721	((277/910) or (277/438)).CCLS.	USPAT; USOCR	OR	OFF	2006/03/29 17:11
S43	55	S42 and silicon$1	USPAT	OR	OFF	2006/03/30 16:27
S44	1721	((277/910) or (277/438)).CCLS.	USPAT; USOCR	OR	OFF	2006/03/30 16:27
S45	11	S44 and silicon$1 and (percent or "%")	USPAT	OR	OFF	2006/03/30 16:27
S46	14	("2841429" | "2888281" | "3158376" | "3189360" | "3228705" | "3909018" | "4190259" | "4438935" | "4582330").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/30 17:28
S47	9	("5261677").URPN.	USPAT	OR	OFF	2006/03/30 17:32
S48	177	"o-ring" and pump with (drug or pharmaceutical or medicine or medicament)	USPAT	OR	OFF	2006/03/30 17:56

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S49	77	S48 and ("mm" or "cm" or milimeter or centimeter)	USPAT	OR	ON	2006/03/31 13:30
S50	2	("o-ring" with groove with fill$3) and piston with pump and silicon$1	USPAT; EPO	OR	ON	2006/03/31 13:33
S51	199	"o-ring" and groove and fill$3 and piston with pump and silicon$1	USPAT; EPO	OR	ON	2006/03/31 13:40
S52	0	("o-ring" with groove with fill$3 with silicon$1) and piston with pump	USPAT; EPO	OR	ON	2006/03/31 13:41
S53	9	("o-ring" with groove with silicon$1) and piston with pump	USPAT; EPO	OR	ON	2006/03/31 13:57
S54	46	"o-ring" and (groove with fill$3 with level)	USPAT; EPO	OR	ON	2006/03/31 13:58
S55	3	"o-ring" with groove with fill$3 with level	USPAT; EPO	OR	ON	2006/03/31 13:59
S56	1	("4468221").PN.	USPAT; USOCR	OR	OFF	2006/03/31 14:36
S57	1721	((277/910) or (277/438)).CCLS.	USPAT; USOCR	OR	OFF	2006/03/31 14:54
S58	0	S57 and ("o-ring" with silicon$1 with piston)	USPAT	OR	OFF	2006/03/31 14:55
S59	66	S57 and ("o-ring" with piston)	USPAT	OR	OFF	2006/03/31 14:55
S60	8	S59 and silicon$1	USPAT	OR	OFF	2006/03/31 15:04
S61	18	S57 and ((percent$3 with compress$3) or (compress$ with percent$3))	USPAT	OR	OFF	2006/03/31 15:04
S62	1	("4468221").PN.	USPAT; USOCR	OR	OFF	2006/03/31 16:09
S63	40	pump with piston and ("o-ring" with silicon$1)	US-PGPUB; USPAT; EPO	OR	OFF	2006/03/31 17:15
S64	35	pump with plunger and ("o-ring" with silicon$1)	US-PGPUB; USPAT; EPO	OR	OFF	2006/03/31 17:33
S65	1	("4813932").PN.	USPAT; USOCR	OR	OFF	2006/03/31 17:33
S66	1	("4813932").PN.	USPAT; USOCR	OR	OFF	2006/04/01 12:33
S67	332	((604/74) or (604/75) or (604/76)). CCLS.	USPAT; USOCR	OR	OFF	2006/04/01 12:34
S68	54	S67 and spring	USPAT	OR	OFF	2006/04/01 12:36
S69	3	S67 and (spring near (piston or plunger))	USPAT	OR	OFF	2006/04/01 12:48
S70	8	S67 and computer	USPAT	OR	OFF	2006/04/01 12:54
S71	0	S67 and piezo$8	USPAT	OR	OFF	2006/04/01 12:55

S72	0	S67 and piezoelectric	USPAT	OR	OFF	2006/04/01 12:55
S73	0	S67 and piezo	USPAT	OR	OFF	2006/04/01 12:55
S74	0	S67 and piezo	US-PGPUB; USPAT; EPO	OR	OFF	2006/04/01 12:55
S75	0	S67 and piezo$8	US-PGPUB; USPAT; EPO	OR	OFF	2006/04/01 12:55
S76	0	S67 and piezoelectric	US-PGPUB; USPAT; EPO	OR	OFF	2006/04/01 14:24
S77	1	("6916159").PN.	USPAT; USOCR	OR	OFF	2006/04/01 15:51
S78	495	(604/151).CCLS.	USPAT; USOCR	OR	OFF	2006/04/01 15:51
S79	50	(("4536137") or ("6126413") or ("4304529") or ("4497501") or ("4567911") or ("4577463") or ("4589669") or ("4958754") or ("5220943") or ("5221195") or ("5281100") or ("5609300") or ("5647580") or ("5819692") or ("4246230") or ("4290489") or ("4315523") or ("4320007") or ("4325567") or ("4345734") or ("4345773") or ("4352394") or ("4369021") or ("4370103") or ("4380419") or ("4382364") or ("4385874") or ("4389163") or ("4392792") or ("4398095") or ("4415313") or ("4439112") or ("4440697") or ("4441872") or ("4468222") or ("4568131") or ("4610377") or ("4762195") or ("4823560") or ("4826046") or ("4830583") or ("4848085") or ("4851704") or ("4865581") or ("4892363") or ("4919595") or ("4928656") or ("4940399") or ("4945869") or ("5011468")).PN.	USPAT; USOCR	OR	OFF	2006/11/14 10:42
S80	8	S79 and groove	US-PGPUB; USPAT	OR	OFF	2006/11/14 11:00
S81	4	S79 and silicon	US-PGPUB; USPAT	OR	OFF	2006/11/14 11:17
S82	0	S79 and ((ring or seal) with (permeation with gas))	US-PGPUB; USPAT	OR	OFF	2006/11/14 11:18
S83	0	S79 and (permeation with gas)	US-PGPUB; USPAT	OR	OFF	2006/11/14 11:18

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S84	3	(piston and ((ring or seal)) with (permeation and coefficient))	US-PGPUB; USPAT	OR	OFF	2006/11/14 11:27
S85	67	piston and (seal or ring) and permeation and coefficient and gas and groove and fill$3 and level	US-PGPUB; USPAT	OR	OFF	2006/11/14 11:59
S86	43	piston and ((ring or seal) with (groove and permeation))	US-PGPUB; USPAT	OR	OFF	2006/11/14 14:10
S87	7	(("6905124") or ("6676132") or ("6443502") or ("3883804") or ("6827353") or ("6409175") or ("4887646")).PN.	USPAT; USOCR	OR	OFF	2006/11/14 14:10
S88	6	("4192520" | "4501432" | "4597583" | "4934715" | "5687975" | "6224058").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/14 14:24
S89	0	("6827353").URPN.	USPAT	OR	OFF	2006/11/14 14:29
S90	0	("6827353").URPN.	USPAT	OR	OFF	2006/11/14 14:29
S91	34	("2907589" | "3813751" | "3888496" | "3997193" | "4026583" | "4099745" | "4253687" | "4324407" | "4325571" | "4388752" | "4487434" | "4494601" | "4530527" | "4576386" | "4580788" | "4590995" | "4662663" | "4711474" | "4791796" | "4805430" | "4827748" | "4887646" | "4893844" | "4949791" | "5101906" | "5156043" | "5306052" | "5348095" | "5370425" | "5794985" | "5845945" | "5921441" | "5944107").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/14 15:00